

## Shaffer, Caleb

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**Sent:** Monday, January 26, 2015 9:33 PM  
**To:** Shaffer, Caleb  
**Cc:** thompson, rachelle  
**Subject:** Re: POSTPONED: Orange County North Basin RI/FS Scoping

Thanks, Caleb!

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
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**To:** thompson, rachel  
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**Subject:** Fwd: RI/FS Scoping Meeting

Rachelle:

The OCWD folks would like to meet with you on Wednesday, January 28th. Dave Mark, Meredith Durant of K/J, and myself. At your place. We'll review the overall groundwater and drinking water problem and then describe the scope of the RI/FS. Other EPAers or contractors are welcome to join us. We could start the meeting as early as 10:30 or 11. Please let me know what time works best for you.

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Rachelle, we are honing in on Jan. 28 or Feb 2 or 4. I'll get back to you soon.

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Rachelle Thompson, MS, PE  
Project Manager, Superfund Division  
US Environmental Protection Agency Region 9  
75 Hawthorne Street, SFD-7-3  
San Francisco, CA 94105  
(415) 972-3962  
thompson.rachelle@epa.gov

-----Original Message-----

From: Keith Takata [mailto:keith@keithtakata.com]  
Sent: Monday, January 26, 2015 9:46 AM  
To: thompson, rachelle; Shaffer, Caleb  
Cc: Lyons, John  
Subject: RI/FS Scoping Meeting

Rachelle and Caleb:

John Lyons called me to postpone the RI/FS scoping meeting. He suggested scheduling the new meeting on February 17, 18, or 19. I am currently checking with OCWD on availability.

John also suggested a phone call or meeting with just you to get you up to speed on the RI/FS. We could do this meeting on February 28 or the following week depending on your and OCWD's schedule. Please let me know what works for you. I suggest a meeting in your offices—Kennedy/Jenks is located a block away.

Keith

Keith Takata  
Takata Environmental LLC  
keith@keithtakata.com  
650-862-1162  
www.keithtakata.com

## Shaffer, Caleb

---

**From:** Sturdivant, Ann@Waterboards <Ann.Sturdivant@waterboards.ca.gov>  
**Sent:** Monday, January 26, 2015 1:11 PM  
**To:** 'Keith Takata';Berchtold, Kurt@Waterboards;Scandura, John@DTSC;Abbasi, Rafat@DTSC;Yemut, Emad@DTSC;Shaffer, Caleb;thompson, rachel;Moutoux, Nicole  
**Cc:** Black, Stewart@DTSC;Lyons, John;Amini, Nick@Waterboards  
**Subject:** RE: POSTPONED: Orange County North Basin RI/FS Scoping

Based on the proposed agenda items, it would be good for Nick Amini of our staff to be present. Regrettably, Nick is not available on Feb 17.

Ann Sturdivant, PG, CEG, CHG  
Senior Engineering Geologist/Chief, Site Cleanup Section  
Santa Ana Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501  
(951) 782-4904 phone  
(951) 781-6288 fax  
[Ann.sturdivant@waterboards.ca.gov](mailto:Ann.sturdivant@waterboards.ca.gov)

---

**From:** Keith Takata [mailto:keith@keithtakata.com]  
**Sent:** Monday, January 26, 2015 12:14 PM  
**To:** Berchtold, Kurt@Waterboards; Sturdivant, Ann@Waterboards; Scandura, John@DTSC; Abbasi, Rafat@DTSC; Yemut, Emad@DTSC; Caleb Shaffer; Rachelle Thompson; Nicole Moutoux  
**Cc:** Black, Stewart@DTSC; John Lyons  
**Subject:** POSTPONED: Orange County North Basin RI/FS Scoping

EPA has requested that the North Basin RI/FS scoping meeting be postponed until the roles and responsibilities of the regulatory agencies are worked out. After consulting EPA and OCWD, the next available date is **Tuesday, February 17, 2015**. Please let me know date works for you. Thanks!

Keith

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[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

Begin forwarded message:

**From:** Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
**Subject:** Draft Agenda for Orange County North Basin RI/FS Scoping, January 28, 2015  
**Date:** January 9, 2015 at 5:01:42 PM PST  
**Cc:** Stewart Black <[Stewart.Black@dtsc.ca.gov](mailto:Stewart.Black@dtsc.ca.gov)>, John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>  
**To:** Kurt Berchtold <[kberchtold@waterboards.ca.gov](mailto:kberchtold@waterboards.ca.gov)>, Ann Sturdivant <[Ann.Sturdivant@waterboards.ca.gov](mailto:Ann.Sturdivant@waterboards.ca.gov)>, John Scandura <[John.scandura@dtsc.ca.gov](mailto:John.scandura@dtsc.ca.gov)>, Rafat Abbasi



<[rabbasi@dtsc.ca.gov](mailto:rabbasi@dtsc.ca.gov)>, Emad Yemut <[Emad.Yemut@dtsc.ca.gov](mailto:Emad.Yemut@dtsc.ca.gov)>, Caleb Shaffer <[Shaffer.caleb@epa.gov](mailto:Shaffer.caleb@epa.gov)>, Rachelle Thompson <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>, Nicole Moutoux <[moutoux.nicole@epa.gov](mailto:moutoux.nicole@epa.gov)>

Colleagues:

Happy New Year!

At the last meeting of the Orange County North Basin Task Force, the OCWD agreed to organize a meeting to discuss the scope of the North Basin RI/FS. The meeting will be held on **Wednesday, January 28, 2015**, from **10:30 am to 2:30 pm**, at the offices of the OCWD. A working lunch will be provided.

Attached is a draft agenda. Part III. will be revised as Kennedy/Jenks prepares the briefing. Please let me know if you have any additions or changes by Tuesday, January 20, 2015.

I look forward to seeing all of you later this month.

Keith

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## Shaffer, Caleb

---

**From:** Sturdivant, Ann@Waterboards <Ann.Sturdivant@waterboards.ca.gov>  
**Sent:** Monday, January 26, 2015 12:39 PM  
**To:** 'Keith Takata';Berchtold, Kurt@Waterboards;Scandura, John@DTSC;Abbasi, Rafat@DTSC;Yemut, Emad@DTSC;Shaffer, Caleb;thompson, rachel;Moutoux, Nicole  
**Cc:** Black, Stewart@DTSC;Lyons, John  
**Subject:** RE: POSTPONED: Orange County North Basin RI/FS Scoping

I am available on Feb 17.

Ann Sturdivant, PG, CEG, CHG  
Senior Engineering Geologist/Chief, Site Cleanup Section  
Santa Ana Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501  
(951) 782-4904 phone  
(951) 781-6288 fax  
[Ann.sturdivant@waterboards.ca.gov](mailto:Ann.sturdivant@waterboards.ca.gov)

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**Subject:** POSTPONED: Orange County North Basin RI/FS Scoping

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**Cc:** Stewart Black <[Stewart.Black@dtsc.ca.gov](mailto:Stewart.Black@dtsc.ca.gov)>, John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>  
**To:** Kurt Berchtold <[kberchtold@waterboards.ca.gov](mailto:kberchtold@waterboards.ca.gov)>, Ann Sturdivant <[Ann.Sturdivant@waterboards.ca.gov](mailto:Ann.Sturdivant@waterboards.ca.gov)>, John Scandura <[John.scandura@dtsc.ca.gov](mailto:John.scandura@dtsc.ca.gov)>, Rafat Abbasi

<[rabbasi@dtsc.ca.gov](mailto:rabbasi@dtsc.ca.gov)>, Emad Yemut <[Emad.Yemut@dtsc.ca.gov](mailto:Emad.Yemut@dtsc.ca.gov)>, Caleb Shaffer <[Shaffer.caleb@epa.gov](mailto:Shaffer.caleb@epa.gov)>, Rachelle Thompson <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>, Nicole Moutoux <[moutoux.nicole@epa.gov](mailto:moutoux.nicole@epa.gov)>

Colleagues:

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650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

## Shaffer, Caleb

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Monday, January 26, 2015 11:59 AM  
**To:** thompson, rachel  
**Cc:** Shaffer, Caleb  
**Subject:** Re: RI/FS Scoping Meeting

Rachelle, we are honing in on Jan. 28 or Feb 2 or 4. I'll get back to you soon.

Keith

Keith Takata  
Takata Environmental LLC  
keith@keithtakata.com  
650-862-1162  
www.keithtakata.com

> On Jan 26, 2015, at 11:17 AM, thompson, rachel <thompson.rachelle@epa.gov>  
wrote:  
>  
> Hi Keith,  
>  
> Caleb is out today, but assuming you mean January 28, that date still works  
for me. 1/29, 1/30, 2/2 and 2/4 would also potentially work, and I will likely  
be able to reserve space in our building.  
>  
> Rachelle Thompson, MS, PE  
> Project Manager, Superfund Division  
> US Environmental Protection Agency Region 9  
> 75 Hawthorne Street, SFD-7-3  
> San Francisco, CA 94105  
> (415) 972-3962  
> thompson.rachelle@epa.gov  
>  
>  
>  
> -----Original Message-----  
> From: Keith Takata [mailto:keith@keithtakata.com]  
> Sent: Monday, January 26, 2015 9:46 AM  
> To: thompson, rachel; Shaffer, Caleb  
> Cc: Lyons, John  
> Subject: RI/FS Scoping Meeting  
>  
> Rachelle and Caleb:  
>

> John Lyons called me to postpone the RI/FS scoping meeting. He suggested scheduling the new meeting on February 17, 18, or 19. I am currently checking with OCWD on availability.

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> John also suggested a phone call or meeting with just you to get you up to speed on the RI/FS. We could do this meeting on February 28 or the following week depending on your and OCWD's schedule. Please let me know what works for you. I suggest a meeting in your offices—Kennedy/Jenks is located a block away.

>

> Keith

>

> Keith Takata

> Takata Environmental LLC

> keith@keithtakata.com

> 650-862-1162

> www.keithtakata.com

>

>

## Shaffer, Caleb

---

**From:** thompson, rachelle  
**Sent:** Monday, January 26, 2015 11:18 AM  
**To:** Keith Takata  
**Cc:** Shaffer, Caleb  
**Subject:** RE: RI/FS Scoping Meeting

Hi Keith,

Caleb is out today, but assuming you mean January 28, that date still works for me. 1/29, 1/30, 2/2 and 2/4 would also potentially work, and I will likely be able to reserve space in our building.

Rachelle Thompson, MS, PE  
Project Manager, Superfund Division  
US Environmental Protection Agency Region 9  
75 Hawthorne Street, SFD-7-3  
San Francisco, CA 94105  
(415) 972-3962  
thompson.rachelle@epa.gov

-----Original Message-----

From: Keith Takata [mailto:keith@keithtakata.com]  
Sent: Monday, January 26, 2015 9:46 AM  
To: thompson, rachelle; Shaffer, Caleb  
Cc: Lyons, John  
Subject: RI/FS Scoping Meeting

Rachelle and Caleb:

John Lyons called me to postpone the RI/FS scoping meeting. He suggested scheduling the new meeting on February 17, 18, or 19. I am currently checking with OCWD on availability.

John also suggested a phone call or meeting with just you to get you up to speed on the RI/FS. We could do this meeting on February 28 or the following week depending on your and OCWD's schedule. Please let me know what works for you. I suggest a meeting in your offices—Kennedy/Jenks is located a block away.

Keith

Keith Takata  
Takata Environmental LLC  
keith@keithtakata.com  
650-862-1162



**Shaffer, Caleb**

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Monday, January 26, 2015 9:46 AM  
**To:** thompson, rachel;Shaffer, Caleb  
**Cc:** Lyons, John  
**Subject:** RI/FS Scoping Meeting

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John Lyons called me to postpone the RI/FS scoping meeting. He suggested scheduling the new meeting on February 17, 18, or 19. I am currently checking with OCWD on availability.

John also suggested a phone call or meeting with just you to get you up to speed on the RI/FS. We could do this meeting on February 28 or the following week depending on your and OCWD's schedule. Please let me know what works for you. I suggest a meeting in your offices—Kennedy/Jenks is located a block away.

Keith

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keith@keithtakata.com  
650-862-1162  
www.keithtakata.com



## Shaffer, Caleb

---

**From:** Sturdivant, Ann@Waterboards <Ann.Sturdivant@waterboards.ca.gov>  
**Sent:** Wednesday, December 17, 2014 10:13 AM  
**To:** 'Villarreal, Leticia'; Berchtold, Kurt@Waterboards; Herndon, Roy; Scandura, John@DTSC; Yemut, Emad@DTSC; Shaffer, Caleb; thompson, rachel; Wehner, Mike; Mark, Dave; Keith Takata (keith@keithtakata.com); Lyons, John; Meredith Durant  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Thank you. I will call in.

Ann Sturdivant, PG, CEG, CHG  
Senior Engineering Geologist/Chief, Site Cleanup Section  
Santa Ana Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501  
(951) 782-4904 phone  
(951) 781-6288 fax  
[Ann.sturdivant@waterboards.ca.gov](mailto:Ann.sturdivant@waterboards.ca.gov)

-----Original Appointment-----

**From:** Villarreal, Leticia [<mailto:lvillarreal@ocwd.com>]  
**Sent:** Wednesday, December 17, 2014 7:58 AM  
**To:** Berchtold, Kurt@Waterboards; Herndon, Roy; Scandura, John@DTSC; Yemut, Emad@DTSC; 'Shaffer.caleb@epa.gov'; 'thompson.rachelle@epa.gov'; Sturdivant, Ann@Waterboards; Wehner, Mike; Mark, Dave; Keith Takata (keith@keithtakata.com); 'Lyons.John@epa.gov'; Meredith Durant  
**Subject:** North Basin RI/FS Scoping Meeting  
**When:** Wednesday, January 28, 2015 10:30 AM-2:30 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** OCWD Conference Room C2

One last change in time. OCWD will be providing lunch.

Call in #: (714) 378-8288

Leticia Villarreal  
Administrative Support Specialist  
Orange County Water District  
18700 Ward Street  
Fountain Valley, CA 92708  
tel: (714) 378-3203  
email: [lvillarreal@ocwd.com](mailto:lvillarreal@ocwd.com)

[www.ocwd.com](http://www.ocwd.com)  
[www.gwrsystem.com](http://www.gwrsystem.com)

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<http://www.twitter.com/OCWDWaterNews>

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## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Wednesday, December 17, 2014 7:54 AM  
**To:** Lyons, John  
**Cc:** Keith Takata;Shaffer, Caleb;thompson, rachelle  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Thanks, John. I was working off older information that sounded like you were going to be down here for other meetings, and the morning was open, but not a problem. We'll change the time to start at 10:30 am and go later. We can bring in a salad and sandwiches. Roy

### Roy Herndon

#### Chief Hydrogeologist

Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: rherndon@ocwd.com



[www.ocwd.com](http://www.ocwd.com)



[www.gwrssystem.com](http://www.gwrssystem.com)



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Twitter](#)

---

**From:** Lyons, John [mailto:Lyons.John@epa.gov]  
**Sent:** Tuesday, December 16, 2014 6:23 PM  
**To:** Herndon, Roy  
**Cc:** Keith Takata; Shaffer, Caleb; thompson, rachelle  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Hi Roy

The 28<sup>th</sup> will work for EPA. We still need to work through who will be attending but we will be there. It works best for us to start the meeting later in the am – either 10 or 11 am – as it is difficult to fly down that morning with a 9 am start time.

Thanks!

John

John Lyons  
Acting Assistant Director  
Site Cleanup Branch  
Superfund Division, Region 9  
(415) 972-3889

---

**From:** Herndon, Roy [<mailto:RHerndon@ocwd.com>]

**Sent:** Tuesday, December 16, 2014 2:38 PM

**To:** Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)); [asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov); Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John; Shaffer, Caleb; thompson, rachelle

**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata

**Subject:** RE: North Basin RI/FS Scoping Meeting

Folks,

Thanks for sending me your availabilities. We are not absolutely confirmed with the EPA folks, but it's looking like the **morning of January 28 (Wednesday)** works for everyone but Emad. I understand that Rachelle may also not be able to make it. Assuming that Caleb and John are still available, I would like to firm up this date before we disappear into the holidays. I will plan to send out an Outlook invitation in the next couple of days. Roy

### Roy Herndon

**Chief Hydrogeologist**

Orange County Water District

18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3260

email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)



[www.ocwd.com](http://www.ocwd.com)



[www.gwrssystem.com](http://www.gwrssystem.com)



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Twitter](#)

---

**From:** Herndon, Roy

**Sent:** Tuesday, December 09, 2014 9:44 AM

**To:** Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)); [asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov); Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; John Lyons ([Lyons.John@epa.gov](mailto:Lyons.John@epa.gov)); Caleb Shaffer - EPA; Rachelle Thompson - EPA

**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata

**Subject:** North Basin RI/FS Scoping Meeting

All –

I am restarting the process to schedule a scoping meeting for the North Basin RI/FS. Please let me know if you are available on any of the following dates:

Jan. 26

Jan. 27

Jan. 28

Jan. 29 (less preferred but possible)

Jan. 30

Thanks. Roy

**Roy Herndon**

**Chief Hydrogeologist**  
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## Shaffer, Caleb

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**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata

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---

## Shaffer, Caleb

---

**From:** thompson, rachelle  
**Sent:** Tuesday, December 16, 2014 2:45 PM  
**To:** Herndon, Roy  
**Cc:** Shaffer, Caleb  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Hi Roy,

I am available on 1/28. I apologize if our earlier message was confusing; I was hoping to combine trips since I will be in southern California on 1/21, but have no conflicts the week of 1/26.

Thanks,

Rachelle Thompson, MS, PE  
Project Manager, Superfund Division  
US Environmental Protection Agency Region 9  
75 Hawthorne Street, SFD-7-3  
San Francisco, CA 94105  
(415) 972-3962  
[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)

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**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Folks,

Thanks for sending me your availabilities. We are not absolutely confirmed with the EPA folks, but it's looking like the **morning of January 28 (Wednesday)** works for everyone but Emad. I understand that Rachelle may also not be able to make it. Assuming that Caleb and John are still available, I would like to firm up this date before we disappear into the holidays. I will plan to send out an Outlook invitation in the next couple of days. Roy

**Roy Herndon**  
**Chief Hydrogeologist**  
Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)





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---

**From:** Herndon, Roy

**Sent:** Tuesday, December 09, 2014 9:44 AM

**To:** Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)); [asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov); Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; John Lyons ([Lyons.John@epa.gov](mailto:Lyons.John@epa.gov)); Caleb Shaffer - EPA; Rachelle Thompson - EPA

**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata

**Subject:** North Basin RI/FS Scoping Meeting

All –

I am restarting the process to schedule a scoping meeting for the North Basin RI/FS. Please let me know if you are available on any of the following dates:

Jan. 26

Jan. 27

Jan. 28

Jan. 29 (less preferred but possible)

Jan. 30

Thanks. Roy

**Roy Herndon**

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---

## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Tuesday, December 16, 2014 2:38 PM  
**To:** Berchtold, Kurt@Waterboards  
(Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John; Shaffer, Caleb; thompson, rachel  
**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Folks,

Thanks for sending me your availabilities. We are not absolutely confirmed with the EPA folks, but it's looking like the **morning of January 28 (Wednesday)** works for everyone but Emad. I understand that Rachelle may also not be able to make it. Assuming that Caleb and John are still available, I would like to firm up this date before we disappear into the holidays. I will plan to send out an Outlook invitation in the next couple of days. Roy

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**From:** Herndon, Roy  
**Sent:** Tuesday, December 09, 2014 9:44 AM  
**To:** Berchtold, Kurt@Waterboards (Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; John Lyons (Lyons.John@epa.gov); Caleb Shaffer - EPA; Rachelle Thompson - EPA  
**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata  
**Subject:** North Basin RI/FS Scoping Meeting

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---

## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Friday, December 12, 2014 9:46 AM  
**To:** Shaffer, Caleb  
**Cc:** Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Caleb – Keith got some potentially conflicting information from John regarding your availability in January. Can you confirm that you and John are available the morning of either Jan. 28 or 30? Thanks. Roy

### Roy Herndon

#### Chief Hydrogeologist

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---

**From:** Herndon, Roy  
**Sent:** Friday, December 12, 2014 9:15 AM  
**To:** Shaffer, Caleb  
**Cc:** Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Thanks, Caleb. I think I have everyone's availabilities, so I'll get back to you shortly. Roy

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**From:** Shaffer, Caleb [<mailto:Shaffer.Caleb@epa.gov>]  
**Sent:** Thursday, December 11, 2014 6:59 PM  
**To:** Herndon, Roy  
**Cc:** thompson, rachel; Lyons, John; Keith Takata  
**Subject:** Re: North Basin RI/FS Scoping Meeting

Hi Roy,

John and I will be meeting with LADWP on the 29th, and likely the afternoon of the 28th. Since we will be in the area, the morning of the 28th or the 30th would be best for us. Unfortunately, Rachelle will be down there the week before so won't be able to pair it up with another meeting.

Caleb

On Dec 9, 2014, at 9:42 AM, Herndon, Roy <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)> wrote:

All –

I am restarting the process to schedule a scoping meeting for the North Basin RI/FS. Please let me know if you are available on any of the following dates:

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Jan. 27  
Jan. 28  
Jan. 29 (less preferred but possible)  
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Thanks. Roy

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**Chief Hydrogeologist**  
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## Shaffer, Caleb

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**From:** Herndon, Roy <RHerndon@ocwd.com>  
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**To:** Shaffer, Caleb  
**Cc:** Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

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**From:** Shaffer, Caleb [mailto:Shaffer.Caleb@epa.gov]  
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**To:** Herndon, Roy  
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**Subject:** Re: North Basin RI/FS Scoping Meeting

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Caleb

On Dec 9, 2014, at 9:42 AM, Herndon, Roy <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)> wrote:

All –

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Thanks. Roy

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---

## Shaffer, Caleb

---

**From:** keith@keithtakata.com  
**Sent:** Thursday, December 11, 2014 10:15 PM  
**To:** Lyons, John  
**Cc:** Shaffer, Caleb;thompson, rachelle  
**Subject:** Re: North Basin RI/FS Scoping Meeting

OK, I'll let Roy know, but please do communicate directly with him too.

Keith

On 2014-12-11 20:06, Lyons, John wrote:

> Keith  
> Most everyone has been out this week as we are in the process moving  
> to the 10th floor. From what I know that week in Jan does not work  
> well for us. Let me talk to our folks early next week and possibly  
> propose other dates in January.  
> Thanks  
> John  
>  
> Sent from my iPhone  
>  
> On Dec 11, 2014, at 6:51 PM, "Keith Takata" <keith@keithtakata.com>  
> wrote:  
>  
>> The holidays are fast approaching. I hope EPA gets an budget and that  
>> you all get some paid time off!  
>>  
>> I know that you are still discussing North Basin roles and  
>> responsibilities with DTSC. Given DTSC's letter to EPA, it seems  
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>> scoping meeting, they would very much appreciate knowing your  
>> availability during the last week in January 2015. Please see the  
>> attached email from Roy. You can always cancel your participation,  
>> but we don't want to hold up the other regulatory agencies. May I ask  
>> you to please respond? Thanks!  
>>  
>> Keith  
>>  
>> Keith Takata  
>> Takata Environmental LLC  
>> keith@keithtakata.com  
>> 650-862-1162  
>> www.keithtakata.com [4]  
>>  
>>> Begin forwarded message:



>>>  
>>> FROM: "Herndon, Roy" <RHerndon@ocwd.com>  
>>>  
>>> TO: "Berchtold, Kurt@Waterboards  
>>> (Kurt.Berchtold@waterboards.ca.gov)"  
>>> <Kurt.Berchtold@waterboards.ca.gov>,  
>>> "asturdivant@waterboards.ca.gov" <asturdivant@waterboards.ca.gov>,  
>>> "Cook, Barbara - DTSC" <Barbara.Cook@dtsc.ca.gov>, "Scandura, John  
>>> - DTSC" <John.Scandura@dtsc.ca.gov>, "Yemut, Emad - DTSC"  
>>> <Emad.Yemut@dtsc.ca.gov>, "John Lyons (Lyons.John@epa.gov)"  
>>> <Lyons.John@epa.gov>, Caleb Shaffer - EPA <Shaffer.caleb@epa.gov>,  
>>> Rachelle Thompson - EPA <thompson.rachelle@epa.gov>  
>>>  
>>> CC: "Wehner, Mike" <MWehner@ocwd.com>, "Durant, Meredith - KJ"  
>>> <MeredithDurant@KennedyJenks.com>, "Mark, Dave" <DMark@ocwd.com>,  
>>> "Keith Takata" <keith@keithtakata.com>  
>>>  
>>> SUBJECT: NORTH BASIN RI/FS SCOPING MEETING  
>>>  
>>> DATE: December 9, 2014 at 9:43:43 AM PST  
>>>  
>>> All -  
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>>> North Basin RI/FS. Please let me know if you are available on any of  
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>>> Jan. 26  
>>> Jan. 27  
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>>> Jan. 29 (less preferred but possible) Jan. 30  
>>>  
>>> Thanks. Roy  
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>>> Roy Herndon  
>>> Chief Hydrogeologist  
>>> Orange County Water District  
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>>> tel: (714) 378-3260  
>>> email: rherndon@ocwd.com  
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> [http://www.gwrsystem.com/?utm\\_source=Email&#43;Signature&utm\\_medium=Email&utm\\_campaign=Email&#43;Signature&#43;Campaign](http://www.gwrsystem.com/?utm_source=Email&#43;Signature&utm_medium=Email&utm_campaign=Email&#43;Signature&#43;Campaign)  
> [3] <https://twitter.com/OCWDWaterNews>  
> [4] <http://www.keithtakata.com>

## Shaffer, Caleb

---

**From:** keith@keithtakata.com  
**Sent:** Thursday, December 11, 2014 10:11 PM  
**To:** Shaffer, Caleb  
**Subject:** Re: North Basin RI/FS Scoping Meeting

No problem. I understand. Are travel funds so tight that Rachelle can't join?

Keith

On 2014-12-11 20:01, Shaffer, Caleb wrote:

> Sorry, it's been a hectic week with moving off our floor. Thanks for  
> the reminder!

>

> On Dec 11, 2014, at 6:51 PM, Keith Takata <keith@keithtakata.com>  
> wrote:

>

>> The holidays are fast approaching. I hope EPA gets an budget and that  
>> you all get some paid time off!

>>

>> I know that you are still discussing North Basin roles and  
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>>

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>> www.keithtakata.com [4]

>>

>>> Begin forwarded message:

>>>

>>> FROM: "Herndon, Roy" <RHerndon@ocwd.com>

>>>

>>> TO: "Berchtold, Kurt@Waterboards

>>> (Kurt.Berchtold@waterboards.ca.gov)"

>>> <Kurt.Berchtold@waterboards.ca.gov>,

>>> "asturdivant@waterboards.ca.gov" <asturdivant@waterboards.ca.gov>,

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>>> <Lyons.John@epa.gov>, Caleb Shaffer - EPA <Shaffer.caleb@epa.gov>,  
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>>>

>>> CC: "Wehner, Mike" <MWehner@ocwd.com>, "Durant, Meredith - KJ"

>>> <MeredithDurant@KennedyJenks.com>, "Mark, Dave" <DMark@ocwd.com>,  
>>> "Keith Takata" <keith@keithtakata.com>  
>>>

>>> SUBJECT: NORTH BASIN RI/FS SCOPING MEETING  
>>>

>>> DATE: December 9, 2014 at 9:43:43 AM PST  
>>>

>>> All -  
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>>> Jan. 27  
>>> Jan. 28  
>>> Jan. 29 (less preferred but possible) Jan. 30  
>>>

>>> Thanks. Roy  
>>>

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> [il&utm\\_campaign=Email&#43;Signature&#43;Campaign](http://www.ocwd.com/?utm_source=Email&#43;Signature&utm_medium=Ema&utm_campaign=Email&#43;Signature&#43;Campaign)  
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> [http://www.gwrsystem.com/?utm\\_source=Email&#43;Signature&utm\\_mediu](http://www.gwrsystem.com/?utm_source=Email&#43;Signature&utm_mediu)  
> [m=Email&utm\\_campaign=Email&#43;Signature&#43;Campaign](http://www.gwrsystem.com/?utm_source=Email&#43;Signature&utm_mediu)  
> [3] <https://twitter.com/OCWDWaterNews>  
> [4] <http://www.keithtakata.com>

## Shaffer, Caleb

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**From:** Lyons, John  
**Sent:** Thursday, December 11, 2014 7:06 PM  
**To:** Keith Takata  
**Cc:** Shaffer, Caleb;thompson, rachelle  
**Subject:** Re: North Basin RI/FS Scoping Meeting

Keith

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John

Sent from my iPhone

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<[Lyons.John@epa.gov](mailto:Lyons.John@epa.gov)>, Caleb Shaffer - EPA <[Shaffer.caleb@epa.gov](mailto:Shaffer.caleb@epa.gov)>,  
Rachelle Thompson - EPA <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>  
**Cc:** "Wehner, Mike" <[MWehner@ocwd.com](mailto:MWehner@ocwd.com)>, "Durant, Meredith - KJ"  
<[MeredithDurant@KennedyJenks.com](mailto:MeredithDurant@KennedyJenks.com)>, "Mark, Dave"  
<[DMark@ocwd.com](mailto:DMark@ocwd.com)>, "Keith Takata" <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
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## Shaffer, Caleb

---

**From:** Shaffer, Caleb  
**Sent:** Thursday, December 11, 2014 7:01 PM  
**To:** Keith Takata  
**Subject:** Re: North Basin RI/FS Scoping Meeting

Sorry, it's been a hectic week with moving off our floor. Thanks for the reminder!

On Dec 11, 2014, at 6:51 PM, Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)> wrote:

The holidays are fast approaching. I hope EPA gets an budget and that you all get some paid time off!

I know that you are still discussing North Basin roles and responsibilities with DTSC. Given DTSC's letter to EPA, it seems likely that you will play an important role in overseeing OCWD's RI/FS for the interim remedy. In order for OCWD to plan the RI/FS scoping meeting, they would very much appreciate knowing your availability during the last week in January 2015. Please see the attached email from Roy. You can always cancel your participation, but we don't want to hold up the other regulatory agencies. May I ask you to please respond? Thanks!

Keith

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

Begin forwarded message:

**From:** "Herndon, Roy" <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)>  
**To:** "Berchtold, Kurt@Waterboards" ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov))<[Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)>, "[asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov)" <[asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov)>, "Cook, Barbara - DTSC" <[Barbara.Cook@dtsc.ca.gov](mailto:Barbara.Cook@dtsc.ca.gov)>, "Scandura, John - DTSC" <[John.Scandura@dtsc.ca.gov](mailto:John.Scandura@dtsc.ca.gov)>, "Yemut, Emad - DTSC" <[Emad.Yemut@dtsc.ca.gov](mailto:Emad.Yemut@dtsc.ca.gov)>, "John Lyons" ([Lyons.John@epa.gov](mailto:Lyons.John@epa.gov))<[Lyons.John@epa.gov](mailto:Lyons.John@epa.gov)>, Caleb Shaffer - EPA <[Shaffer.caleb@epa.gov](mailto:Shaffer.caleb@epa.gov)>, Rachelle Thompson - EPA <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>  
**Cc:** "Wehner, Mike" <[MWehner@ocwd.com](mailto:MWehner@ocwd.com)>, "Durant, Meredith - KJ" <[MeredithDurant@KennedyJenks.com](mailto:MeredithDurant@KennedyJenks.com)>, "Mark, Dave" <[DMark@ocwd.com](mailto:DMark@ocwd.com)>, "Keith Takata" <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
**Subject:** North Basin RI/FS Scoping Meeting  
**Date:** December 9, 2014 at 9:43:43 AM PST

All –



I am restarting the process to schedule a scoping meeting for the North Basin RI/FS. Please let me know if you are available on any of the following dates:

Jan. 26  
Jan. 27  
Jan. 28  
Jan. 29 (less preferred but possible)  
Jan. 30

Thanks. Roy

**Roy Herndon**  
**Chief Hydrogeologist**  
Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: [herndon@ocwd.com](mailto:herndon@ocwd.com)

[<ocwdlogob8b77a.png>](#)

[www.ocwd.com](http://www.ocwd.com)

[<gwrsystems80f272.png>](#)

[www.gwrssystem.com](http://www.gwrssystem.com)

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## Shaffer, Caleb

---

**From:** Shaffer, Caleb  
**Sent:** Thursday, December 11, 2014 6:59 PM  
**To:** Herndon, Roy  
**Cc:** thompson, rachel;Lyons, John;Keith Takata  
**Subject:** Re: North Basin RI/FS Scoping Meeting

Hi Roy,

John and I will be meeting with LADWP on the 29th, and likely the afternoon of the 28th. Since we will be in the area, the morning of the 28th or the 30th would be best for us. Unfortunately, Rachelle will be down there the week before so won't be able to pair it up with another meeting.

Caleb

On Dec 9, 2014, at 9:42 AM, Herndon, Roy <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)> wrote:

All –

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Jan. 26  
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Jan. 28  
Jan. 29 (less preferred but possible)  
Jan. 30

Thanks. Roy

### **Roy Herndon**

#### **Chief Hydrogeologist**

Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)

[<ocwdlogob8b77a>](mailto:<ocwdlogob8b77a>)   [<gwrsystems80f272>](mailto:<gwrsystems80f272>)   [<twitter622743>](https://twitter.com/twitter622743)   [Follow](#)  
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---



## Shaffer, Caleb

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Thursday, December 11, 2014 6:51 PM  
**To:** Lyons, John;Shaffer, Caleb;thompson, rachelle  
**Subject:** Fwd: North Basin RI/FS Scoping Meeting

The holidays are fast approaching. I hope EPA gets an budget and that you all get some paid time off!

I know that you are still discussing North Basin roles and responsibilities with DTSC. Given DTSC's letter to EPA, it seems likely that you will play an important role in overseeing OCWD's RI/FS for the interim remedy. In order for OCWD to plan the RI/FS scoping meeting, they would very much appreciate knowing your availability during the last week in January 2015. Please see the attached email from Roy. You can always cancel your participation, but we don't want to hold up the other regulatory agencies. May I ask you to please respond? Thanks!

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Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
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Begin forwarded message:

**From:** "Herndon, Roy" <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)>  
**To:** "Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov))" <[Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)>, "[asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov)" <[asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov)>, "Cook, Barbara - DTSC" <[Barbara.Cook@dtsc.ca.gov](mailto:Barbara.Cook@dtsc.ca.gov)>, "Scandura, John - DTSC" <[John.Scandura@dtsc.ca.gov](mailto:John.Scandura@dtsc.ca.gov)>, "Yemut, Emad - DTSC" <[Emad.Yemut@dtsc.ca.gov](mailto:Emad.Yemut@dtsc.ca.gov)>, "John Lyons ([Lyons.John@epa.gov](mailto:Lyons.John@epa.gov))" <[Lyons.John@epa.gov](mailto:Lyons.John@epa.gov)>, Caleb Shaffer - EPA <[Shaffer.caleb@epa.gov](mailto:Shaffer.caleb@epa.gov)>, Rachelle Thompson - EPA <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>  
**Cc:** "Wehner, Mike" <[MWehner@ocwd.com](mailto:MWehner@ocwd.com)>, "Durant, Meredith - KJ" <[MeredithDurant@KennedyJenks.com](mailto:MeredithDurant@KennedyJenks.com)>, "Mark, Dave" <[DMark@ocwd.com](mailto:DMark@ocwd.com)>, "Keith Takata" <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
**Subject:** North Basin RI/FS Scoping Meeting  
**Date:** December 9, 2014 at 9:43:43 AM PST

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Jan. 27

Jan. 28  
Jan. 29 (less preferred but possible)  
Jan. 30

Thanks. Roy

**Roy Herndon**

**Chief Hydrogeologist**

Orange County Water District  
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tel: (714) 378-3260  
email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)



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## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Tuesday, December 09, 2014 9:44 AM  
**To:** Berchtold, Kurt@Waterboards  
(Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John; Shaffer, Caleb; thompson, rachelle  
**Cc:** Wehner, Mike; Durant, Meredith - KJ; Mark, Dave; Keith Takata  
**Subject:** North Basin RI/FS Scoping Meeting

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

All –

I am restarting the process to schedule a scoping meeting for the North Basin RI/FS. Please let me know if you are available on any of the following dates:

Jan. 26  
Jan. 27  
Jan. 28  
Jan. 29 (less preferred but possible)  
Jan. 30

Thanks. Roy

### Roy Herndon

#### Chief Hydrogeologist

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18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: rherndon@ocwd.com



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---

## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Tuesday, December 02, 2014 1:33 PM  
**To:** Berchtold, Kurt@Waterboards  
(Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John; Shaffer, Caleb; thompson, rachelle  
**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Folks,

After giving it the college try, we couldn't find a date that worked before the holidays, so I will be sending another email to see about a date in January. Roy

### Roy Herndon

#### Chief Hydrogeologist

Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: rherndon@ocwd.com



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**From:** Herndon, Roy  
**Sent:** Tuesday, November 25, 2014 11:10 AM  
**To:** Berchtold, Kurt@Waterboards (Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; John Lyons (Lyons.John@epa.gov); Caleb Shaffer - EPA; Rachelle Thompson - EPA  
**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave  
**Subject:** RE: North Basin RI/FS Scoping Meeting

All,

Based on initial feedback, it appears that we are down to either December 18 or 19 for the scoping meeting. I haven't heard from everyone, so hopefully at least one of these days works. Understanding that some folks are taking off this week for Thanksgiving, I would appreciate hearing back from those who haven't responded next week to hopefully firm up the date. Regards, Roy

### Roy Herndon

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**From:** Herndon, Roy

**Sent:** Friday, November 21, 2014 12:05 PM

**To:** Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)); [asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov); Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; John Lyons ([Lyons.John@epa.gov](mailto:Lyons.John@epa.gov))

**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave

**Subject:** North Basin RI/FS Scoping Meeting

Hello everyone –

As a followup to the last Task Force meeting, I wanted to try to schedule a North Basin RI/FS scoping meeting. I am extending an invitation to all three agencies, and I leave it to you to decide who from your respective agency should attend and to coordinate schedules. John – I don't have Caleb's or Rachelle's email addresses, or I would have included them in this email. In an attempt to try to have at least get one of the meetings we discussed accomplished before the holidays, I have five dates to choose from:

Dec. 10  
Dec. 12  
Dec. 17  
Dec. 18  
Dec. 19

Please let me know your availabilities for these dates, and we'll see if at least one of them works out. I am assuming that it would work out for the majority of folks if we have the meeting at OCWD, but if there is a strong preference to have the meeting somewhere else, I am open for suggestions. Keith will work with Meredith on preparing a draft agenda which will be circulated shortly.

The sooner I hear back from everyone, the better, since these dates will be upon us quickly. Happy Thanksgiving. Roy

**Roy Herndon**

**Chief Hydrogeologist**

Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3260

email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)



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---

## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Tuesday, November 25, 2014 11:10 AM  
**To:** Berchtold, Kurt@Waterboards  
(Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John; Shaffer, Caleb; thompson, rachelle  
**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave  
**Subject:** RE: North Basin RI/FS Scoping Meeting

All,

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**From:** Herndon, Roy  
**Sent:** Friday, November 21, 2014 12:05 PM  
**To:** Berchtold, Kurt@Waterboards (Kurt.Berchtold@waterboards.ca.gov); asturdivant@waterboards.ca.gov; Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; John Lyons (Lyons.John@epa.gov)  
**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave  
**Subject:** North Basin RI/FS Scoping Meeting

Hello everyone –

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Dec. 17

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Dec. 19

Please let me know your availabilities for these dates, and we'll see if at least one of them works out. I am assuming that it would work out for the majority of folks if we have the meeting at OCWD, but if there is a strong preference to have the meeting somewhere else, I am open for suggestions. Keith will work with Meredith on preparing a draft agenda which will be circulated shortly.

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---

## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Monday, November 24, 2014 5:01 PM  
**To:** Lyons, John  
**Cc:** Shaffer, Caleb; Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Thanks, John. Caleb sent me dates that work for him. I'm waiting to hear back from DTSC and RWQCB. Happy Thanksgiving. Roy

### Roy Herndon

#### Chief Hydrogeologist

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**From:** Lyons, John [mailto:Lyons.John@epa.gov]  
**Sent:** Sunday, November 23, 2014 9:08 AM  
**To:** Herndon, Roy  
**Cc:** Shaffer, Caleb; Keith Takata  
**Subject:** Re: North Basin RI/FS Scoping Meeting

Roy

EPA would like to participate by phone. We'll be right in the middle of our move w/in the office so travel is not ideal. I am copying Caleb so that you and Caleb can coordinate on dates.  
Thanks. Have a great holiday

John

Sent from my iPhone

On Nov 21, 2014, at 12:03 PM, "Herndon, Roy" <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)> wrote:

Hello everyone –

As a followup to the last Task Force meeting, I wanted to try to schedule a North Basin RI/FS scoping meeting. I am extending an invitation to all three agencies, and I leave it to you to decide who from your respective agency should attend and to coordinate schedules. John – I don't have Caleb's or

Rachelle's email addresses, or I would have included them in this email. In an attempt to try to have at least get one of the meetings we discussed accomplished before the holidays, I have five dates to choose from:

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[www.ocwd.com](http://www.ocwd.com)

[<gwrsystemsc4a858>](#)

[www.gwrsystem.com](http://www.gwrsystem.com)

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---

## Shaffer, Caleb

---

**From:** Herndon, Roy <RHerndon@ocwd.com>  
**Sent:** Monday, November 24, 2014 9:33 AM  
**To:** Shaffer, Caleb  
**Cc:** thompson, rachelle;Keith Takata  
**Subject:** RE: North Basin RI/FS Scoping Meeting

Caleb,

It sounds like you may be participating by phone, which is fine. It's hard to gauge how long this meeting could last, but if the agencies, particularly DTSC, have a lot of comments and issues that we had not considered and need to work through, then the meeting could go for 3 hours. After Keith and Meredith put together an agenda, we may have a little better idea of the time. I'll not that 12/18 and 12/19 are the two best days for USEPA. Roy

### Roy Herndon

#### Chief Hydrogeologist

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**From:** Shaffer, Caleb [mailto:Shaffer.Caleb@epa.gov]  
**Sent:** Friday, November 21, 2014 3:54 PM  
**To:** Herndon, Roy  
**Cc:** thompson, rachelle  
**Subject:** FW: North Basin RI/FS Scoping Meeting

Hi Roy,

John forwarded your e-mail to me. How long do you envision the meeting being? Rachelle and/or I can participate, probably via phone. Generally, the better days for us are 12/18 or 12/19, but there is more limited availability on 12/17. Again, having a sense of how long the meeting is would be helpful.

Thanks,

Caleb Shaffer  
Manager, Superfund CA Cleanup Section SFD7-1  
USEPA Region 9  
415-972-3336 work  
415-635-4091 cell

---

**From:** Herndon, Roy [<mailto:RHerndon@ocwd.com>]

**Sent:** Friday, November 21, 2014 12:05 PM

**To:** Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)); [asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov); Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John

**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave

**Subject:** North Basin RI/FS Scoping Meeting

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Dec. 18

Dec. 19

Please let me know your availabilities for these dates, and we'll see if at least one of them works out. I am assuming that it would work out for the majority of folks if we have the meeting at OCWD, but if there is a strong preference to have the meeting somewhere else, I am open for suggestions. Keith will work with Meredith on preparing a draft agenda which will be circulated shortly.

The sooner I hear back from everyone, the better, since these dates will be upon us quickly. Happy Thanksgiving. Roy

**Roy Herndon**

**Chief Hydrogeologist**

Orange County Water District

18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3260

email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)



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## Shaffer, Caleb

---

**From:** Lyons, John  
**Sent:** Sunday, November 23, 2014 9:08 AM  
**To:** Herndon, Roy  
**Cc:** Shaffer, Caleb; Keith Takata  
**Subject:** Re: North Basin RI/FS Scoping Meeting

Roy

EPA would like to participate by phone. We'll be right in the middle of our move w/in the office so travel is not ideal. I am copying Caleb so that you and Caleb can coordinate on dates.  
Thanks. Have a great holiday

John

Sent from my iPhone

On Nov 21, 2014, at 12:03 PM, "Herndon, Roy" <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)> wrote:

Hello everyone –

As a followup to the last Task Force meeting, I wanted to try to schedule a North Basin RI/FS scoping meeting. I am extending an invitation to all three agencies, and I leave it to you to decide who from your respective agency should attend and to coordinate schedules. John – I don't have Caleb's or Rachelle's email addresses, or I would have included them in this email. In an attempt to try to have at least get one of the meetings we discussed accomplished before the holidays, I have five dates to choose from:

Dec. 10  
Dec. 12  
Dec. 17  
Dec. 18  
Dec. 19

Please let me know your availabilities for these dates, and we'll see if at least one of them works out. I am assuming that it would work out for the majority of folks if we have the meeting at OCWD, but if there is a strong preference to have the meeting somewhere else, I am open for suggestions. Keith will work with Meredith on preparing a draft agenda which will be circulated shortly.

The sooner I hear back from everyone, the better, since these dates will be upon us quickly. Happy Thanksgiving. Roy

**Roy Herndon**  
**Chief Hydrogeologist**  
Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)

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---

## Shaffer, Caleb

---

**From:** Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
**Sent:** Friday, November 21, 2014 5:02 PM  
**To:** Shaffer, Caleb;thompson, rachel  
**Cc:** Roy Herndon  
**Subject:** Fwd: North Basin RI/FS Scoping Meeting

Just in case EPA becomes the lead for the interim remedy RI/FS, it would be great if Rachelle could attend this scoping meeting.

Keith

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

Begin forwarded message:

**From:** "Herndon, Roy" <[RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)>  
**To:** "Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov))" <[Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)>, "[asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov)" <[asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov)>, "Cook, Barbara - DTSC" <[Barbara.Cook@dtsc.ca.gov](mailto:Barbara.Cook@dtsc.ca.gov)>, "Scandura, John - DTSC" <[John.Scandura@dtsc.ca.gov](mailto:John.Scandura@dtsc.ca.gov)>, "Yemut, Emad - DTSC" <[Emad.Yemut@dtsc.ca.gov](mailto:Emad.Yemut@dtsc.ca.gov)>, "John Lyons ([Lyons.John@epa.gov](mailto:Lyons.John@epa.gov))" <[Lyons.John@epa.gov](mailto:Lyons.John@epa.gov)>  
**Cc:** Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)>, "Wehner, Mike" <[MWehner@ocwd.com](mailto:MWehner@ocwd.com)>, "Durant, Meredith - KJ" <[MeredithDurant@KennedyJenks.com](mailto:MeredithDurant@KennedyJenks.com)>, "Mark, Dave" <[DMark@ocwd.com](mailto:DMark@ocwd.com)>  
**Subject:** North Basin RI/FS Scoping Meeting  
**Date:** November 21, 2014 at 12:04:51 PM PST

Hello everyone –

As a followup to the last Task Force meeting, I wanted to try to schedule a North Basin RI/FS scoping meeting. I am extending an invitation to all three agencies, and I leave it to you to decide who from your respective agency should attend and to coordinate schedules. John – I don't have Caleb's or Rachelle's email addresses, or I would have included them in this email. In an attempt to try to have at least get one of the meetings we discussed accomplished before the holidays, I have five dates to choose from:

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Dec. 12  
Dec. 17  
Dec. 18

Dec. 19

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**Roy Herndon**

**Chief Hydrogeologist**

Orange County Water District

18700 Ward Street, Fountain Valley, CA 92708

tel: (714) 378-3260

email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)



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## Shaffer, Caleb

---

**From:** Shaffer, Caleb  
**Sent:** Friday, November 21, 2014 3:54 PM  
**To:** RHerndon@ocwd.com  
**Cc:** thompson, rachel  
**Subject:** FW: North Basin RI/FS Scoping Meeting

Hi Roy,

John forwarded your e-mail to me. How long do you envision the meeting being? Rachelle and/or I can participate, probably via phone. Generally, the better days for us are 12/18 or 12/19, but there is more limited availability on 12/17. Again, having a sense of how long the meeting is would be helpful.

Thanks,

Caleb Shaffer  
Manager, Superfund CA Cleanup Section SFD7-1  
USEPA Region 9  
415-972-3336 work  
415-635-4091 cell

---

**From:** Herndon, Roy [<mailto:RHerndon@ocwd.com>]  
**Sent:** Friday, November 21, 2014 12:05 PM  
**To:** Berchtold, Kurt@Waterboards ([Kurt.Berchtold@waterboards.ca.gov](mailto:Kurt.Berchtold@waterboards.ca.gov)); [asturdivant@waterboards.ca.gov](mailto:asturdivant@waterboards.ca.gov); Cook, Barbara - DTSC; Scandura, John - DTSC; Yemut, Emad - DTSC; Lyons, John  
**Cc:** Keith Takata; Wehner, Mike; Durant, Meredith - KJ; Mark, Dave  
**Subject:** North Basin RI/FS Scoping Meeting

Hello everyone –

As a followup to the last Task Force meeting, I wanted to try to schedule a North Basin RI/FS scoping meeting. I am extending an invitation to all three agencies, and I leave it to you to decide who from your respective agency should attend and to coordinate schedules. John – I don't have Caleb's or Rachelle's email addresses, or I would have included them in this email. In an attempt to try to have at least get one of the meetings we discussed accomplished before the holidays, I have five dates to choose from:

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The sooner I hear back from everyone, the better, since these dates will be upon us quickly. Happy Thanksgiving. Roy

**Roy Herndon**

**Chief Hydrogeologist**

Orange County Water District  
18700 Ward Street, Fountain Valley, CA 92708  
tel: (714) 378-3260  
email: [rherndon@ocwd.com](mailto:rherndon@ocwd.com)



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---

## Shaffer, Caleb

---

**From:** Lyons, John  
**Sent:** Wednesday, November 05, 2014 7:22 PM  
**To:** Shaffer, Caleb  
**Subject:** OC Hotel

---

**From:** Keith Takata [mailto:takata.keith@gmail.com]  
**Sent:** Tuesday, April 22, 2014 9:28 PM  
**To:** Minor, Dustin  
**Cc:** Lyons, John  
**Subject:** Re: Flight reservation (MW7ADE) | 23APR14 | OAK-SNA | Takata/Keith Alan

Yes, I am at same hotel. Give me a call when you get in. I think a rental car is cheaper, but not a lot, although our food choices may be limited without a car. See you soon!

Keith

Keith Takata  
[takata.keith@gmail.com](mailto:takata.keith@gmail.com)

On Apr 22, 2014, at 5:49 PM, Minor, Dustin <[Minor.Dustin@epa.gov](mailto:Minor.Dustin@epa.gov)> wrote:

Keith,

John and I land at 5:30. I reserved a car, but may decide to cancel it and take a taxi. Either way we should be ready to eat around 7:00. I have not looked up any restaurants yet, but may do so. Are you staying in the same hotel you recommended for us, Courtyard Huntington Beach Fountain Valley at 9950 Slater Avenue?

Dusty

Dustin F. Minor  
Chief, Hazardous Waste Branch  
Office of Regional Counsel  
(415) 972-3888

---

**From:** Keith Takata [mailto:takata.keith@gmail.com]  
**Sent:** Friday, April 18, 2014 12:48 PM  
**To:** Minor, Dustin  
**Subject:** Re: Flight reservation (MW7ADE) | 23APR14 | OAK-SNA | Takata/Keith Alan

The OCWD offices are very close to the airport.

Keith Takata  
[takata.keith@gmail.com](mailto:takata.keith@gmail.com)

On Apr 18, 2014, at 12:15 PM, Minor, Dustin <[Minor.Dustin@epa.gov](mailto:Minor.Dustin@epa.gov)> wrote:

They are still working on my TA but I plan to at 5:30 departing on SW at 4:00 SFO.

Although I am sure the tour would be interesting, my return flight choices are 1:55 or 4:25 so I plan to take the 1:55 and not do the tour. I assume it won't be a problem to get from the meeting to the airport in time to catch a 1:55.

Dustin F. Minor  
Chief, Hazardous Waste Branch  
Office of Regional Counsel  
(415) 972-3888

---

**From:** Keith Takata [<mailto:takata.keith@gmail.com>]  
**Sent:** Thursday, April 17, 2014 9:21 PM  
**To:** Minor, Dustin; Lyons, John  
**Subject:** Fwd: Flight reservation (MW7ADE) | 23APR14 | OAK-SNA | Takata/Keith Alan

I'm arriving in Orange County from Oakland at 4:15 pm. When are you guys arriving?

Keith Takata  
[takata.keith@gmail.com](mailto:takata.keith@gmail.com)

Begin forwarded message:

**From:** "Southwest Airlines" <[SouthwestAirlines@luv.southwest.com](mailto:SouthwestAirlines@luv.southwest.com)>  
**Subject:** Flight reservation (MW7ADE) | 23APR14 | OAK-SNA | Takata/Keith Alan  
**Date:** April 4, 2014 at 3:13:20 PM PDT  
**To:** [TAKATA.KEITH@GMAIL.COM](mailto:TAKATA.KEITH@GMAIL.COM)  
**Reply-To:** "Southwest Airlines" <[no-reply@luv.southwest.com](mailto:no-reply@luv.southwest.com)>

You're all set for your trip!

<image001.jpg>

<image002.jpg>	Check In Online	<image003.jpg>	Check Flight Status	<image003.jpg>	Change Flight	<image003.jpg>	Special Offers
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Confirmation Date: 04/4

Passenger(s)	Rapid Rewards #	Ticket #	Expiration	Est. Points Earned
TAKATA/KEITH AL AN	20874604	5262405285937	Apr 4, 2015	983

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Date	Flight	Departure/Arrival
Wed Apr 23	732	Depart <b>OAKLAND, CA (OAK)</b> on Southwest Airlines at <b>2:55 PM</b> Arrive in <b>ORANGE COUNTY/SANTA ANA, CA (SNA)</b> at <b>4:15 PM</b> Travel Time 1 hrs 20 mins <a href="#">Wanna Get Away</a>



Thu Apr 24	842	Depart <b>ORANGE COUNTY/SANTA ANA, CA (SNA)</b> on Southwest Airlines at <b>3:30 PM</b> Arrive in <b>OAKLAND, CA (OAK)</b> at <b>4:50 PM</b> Travel Time 1 hrs 20 mins <a href="#">Wanna Get Away</a>
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OAK WN SNA63.26NLNUHNR WN OAK100.47SLNUPNR 163.73 END ZPOAKSNA  
XFOAK4.5SNA4.5 AY5.00\$OAK2.50 SNA2.50

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Be sure to arrive at the departure gate with your boarding pass at least 10 minutes before your scheduled departure time. Otherwise, your reserved space may be cancelled and you won't be eligible for denied boarding compensation.

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If you are not planning to travel on any portion of this itinerary, please cancel your reservation at least 10 minutes prior to scheduled departure of the flight. Customers who fail to cancel reservations for a Wanna Get Away fare segment at least 10 minutes prior to travel and who do not board the flight will be considered a no show, and all remaining funds on this reservation, including Anytime and Business Select fares, will be forfeited.

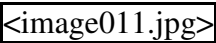
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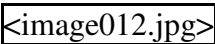
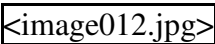
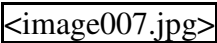
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**Cost and Payment Summary**



 **AIR - MW7ADE**

Base Fare	\$ 163.73	<b>Payment Information</b>
Excise Taxes	\$ 12.27	Payment Type: Univ Air Travel
Segment Fee	\$ 8.00	XXXXXXXXXXXX0330
Passenger Facility Charge	\$ 9.00	Date: Apr 4, 2014
September 11th Security Fee	\$ 5.00	Payment Amount: \$198.00
<b>Total Air Cost</b>	<b>\$ 198.00</b>	



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<sup>2</sup> Security Fee is the government-imposed September 11th Security Fee.

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<image019.jpg>

## Shaffer, Caleb

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Saturday, November 01, 2014 8:21 AM  
**To:** Kurt Berchtold;Ann Sturdivant;John Scandura;Emad Yemut;Barbara Cook;Lyons, John;Shaffer, Caleb;thompson, rachel;Dreyfus, Bethany;Steve Koyasako;Julie Macedo  
**Cc:** Stewart Black;Manzanilla, Enrique;Minor, Dustin  
**Subject:** Sequence of Meetings Leading to Task Force Meeting on November 13th

As we agreed at yesterday's meeting, the **Orange County North Basin Task Force** will meet on **Thursday, November 13th**. I propose that we start the meeting at **11:00 am**, which will give the Bay Area participants time to travel in the morning. OCWD has graciously offered to provide a working lunch. We'll try to finish the meeting by **2:00 pm**. The Task Force will meet at the offices of the OCWD at **18700 Ward Street, Fountain Valley CA 92708**. Please let me know what you'd like on the agenda by Thursday, November 6th.

One of the major topics at the Task Force meeting will be roles and responsibilities of the OCWD and the state and federal regulatory agencies in North and South Basins. In order to have a productive discussion at the Task Force meeting, we agreed to the following meetings to be held before the Task Force meeting:

- A legal meeting between attorneys of OCWD, DTSC, SWRCB, and EPA. I'd like to ask Steve Koyasako or Julie Macedo to organize this meeting.
- A regulatory agency only meeting between DTSC, RWQCB, and EPA. I'd like to ask Barbara Cook or John Scandura to organize this meeting.

If you have any questions or concerns, please let me know. Thank you all!

Keith

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

## Shaffer, Caleb

---

**From:** Ramirez, Leslie  
**Sent:** Thursday, October 23, 2014 12:27 PM  
**To:** Keith Takata  
**Cc:** Lyons, John;Shaffer, Caleb;thompson, rachel;Dreyfus, Bethany;Moutoux, Nicole;Mitguard, Matt  
**Subject:** RE: Orange County North Basin--Candidate Sites for PA, Email #1

Hi Keith - Thanks for the update. Unfortunately, the attachments were likely stripped by EPA's firewall, either because they are .zip files or the file size exceeds the limit. All I could see/open are .txt files. Is it possible to re-send in a simpler format, such as a MS Word or PDF document? Sorry for the inconvenience.

You can re-send to me and Nicole, so that it doesn't clog the inbox of those on the Cc line. Thanks!

Regards,  
Leslie

[Out of office: 10/24 & 10/27]

\*\*\*\*\*

Leslie Ramirez  
U.S. EPA, Region 9  
Brownfields & Site Assessment  
75 Hawthorne Street (SFD-6-1)  
San Francisco, CA 94105  
Ph: 415-972-3978

-----Original Message-----

From: Keith Takata [mailto:keith@keithtakata.com]  
Sent: Wednesday, October 22, 2014 7:43 PM  
To: Moutoux, Nicole; Mitguard, Matt; Ramirez, Leslie  
Cc: Lyons, John; Shaffer, Caleb;thompson, rachel; Dreyfus, Bethany  
Subject: Orange County North Basin--Candidate Sites for PA, Email #1

Yesterday OCWD met with DTSC. DTSC does not object to EPA starting PAs in the North Basin of Orange County. I encouraged DTSC to communicate that message to EPA. In the meantime, just in case you want to start the PA process, I am attaching draft information on five sites that OCWD may submit as part of a PA petition. This will take two emails because of the size of the files.

Keith

## Shaffer, Caleb

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Thursday, October 16, 2014 10:16 PM  
**To:** Lyons, John;Minor, Dustin;Shaffer, Caleb;thompson, rachelle;Dreyfus, Bethany  
**Subject:** Fwd: Orange County Water District/North Basin

I thought you might be interested in the attached email. OCWD is meeting with Stewart Black on October 21st and with CalEPA on October 31st.

Hope to see you all soon.

Keith

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

Begin forwarded message:

**From:** "Scott A. Sommer" <[scottsommer@sasrlaw.com](mailto:scottsommer@sasrlaw.com)>  
**Subject:** Orange County Water District/North Basin  
**Date:** October 16, 2014 at 3:31:58 PM PDT  
**To:** "[steve.koyasako@dtsc.ca.gov](mailto:steve.koyasako@dtsc.ca.gov)" <[steve.koyasako@dtsc.ca.gov](mailto:steve.koyasako@dtsc.ca.gov)>  
**Cc:** "[jmacedo@waterboards.ca.gov](mailto:jmacedo@waterboards.ca.gov)" <[jmacedo@waterboards.ca.gov](mailto:jmacedo@waterboards.ca.gov)>, "[ccarrigan@waterboards.ca.gov](mailto:ccarrigan@waterboards.ca.gov)" <[ccarrigan@waterboards.ca.gov](mailto:ccarrigan@waterboards.ca.gov)>, Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)>

Steve- I wanted to put in written form the discussion that you and I had on the concerns about the state acting as lead agency on North Basin. Thank you for your insights and time on this matter. There is a meeting coming up on Tuesday October 21 at Stewart Black's office and the issues we addressed will come up at that time.

As I said, DTSC is currently spending significant state funds on soil remediation onsite at the Chicago Musical Instruments site in North Basin. Orange County Water District (OCWD) is most appreciative of these efforts. It is entirely appropriate that the onsite oversight by DTSC and the Regional Board on several PRP sites in North Basin continue as has occurred in the past. However, notwithstanding the years of state regulatory efforts, nothing has been done, nor is proposed, for the substantial regional groundwater plume off the Chicago Musical Instruments site, as well as the Northrop Y-12 downgradient plume, and the

impacts on beneficial groundwater are very substantial. I will provide more detail on that below, and can get you more information and maps for further review.

Turning to the issue of regional groundwater enforcement and the appropriate lead agency, we are very concerned about the inability of DTSC to use joint and several liability under HSAA and how vulnerable DTSC would be were it to act as lead agency in North Basin. H&S Code 25363 and other provisions do not give the state joint and several enforcement or cost recovery authority. 25363(e) provides that the state fund is susceptible to a separate action for contribution even if DTSC tried to use CERCLA as Barbara Cook once briefly mentioned at our August task force meeting. Note the exposure of the state fund, for example, to a separate action by a major PRP for contribution against the state fund in the event of a clean up order that incorporated the large groundwater plume coming from Chicago Musical Instruments, for example. Note that this risk in the event of proceedings brought by DTSC applies even if the determination is made under “the federal act”, of course CERCLA.

As DTSC does not have joint and several authority and is required to apportion, if DTSC serves as lead agency the state fund would be exposed to a very substantial figure for the necessary regional groundwater remediation from the Chicago Musical Instruments site. Health and Safety Code 25363 provides:

- (a) Except as provided in subdivision (f), **any party found liable for any costs or expenditures recoverable under this chapter who establishes by a preponderance of the evidence that only a portion of those costs or expenditures are attributable to that party's actions, shall be required to pay only for that portion.**
- (b) Except as provided in subdivision (f), if the trier of fact finds the evidence insufficient to establish each party's portion of costs or expenditures under subdivision (a), **the court shall apportion those costs or expenditures,** to the extent practicable, according to equitable principles, among the defendants.
- (c) **The state account shall pay any portion of the judgment in excess of the aggregate amount of costs or expenditures apportioned under subdivisions (a) and (b).**
- (d) The standard of liability for any costs or expenses recoverable pursuant to this chapter is strict liability.
- (e) Any person who has incurred removal or remedial action costs in accordance with this chapter or the federal act may seek contribution or indemnity from any person who is liable pursuant to this chapter, except that no claim may be asserted against a person whose liability has been determined and which has been or is being, fully discharged pursuant to Section 25356.6, or against a person who is actively participating in a pending apportionment proceeding pursuant to Section 25356.6. **An action to enforce a claim may be brought** as a cross-complaint by any defendant in an action brought pursuant to Section 25360 or this section, or **in a separate action after the person seeking contribution or indemnity has paid removal or remedial action costs in accordance with this chapter or the federal act.** Any plaintiff or cross complainant seeking contribution or indemnity shall give written notice to the director upon filing an action or cross complaint under this section. In resolving claims for contribution



or indemnity, the court may allocate costs among liable parties using those equitable factors which are appropriate. (f) Notwithstanding this chapter, any response action contractor who is found liable for any costs or expenditures recoverable under this chapter and who establishes by a preponderance of the evidence that only a portion of those costs or expenditures are attributable to the response action contractor's actions, shall be required to pay only that portion of the costs or expenditures attributable to the response action contractor's actions.

The problems noted above would not be applicable to EPA potentially negotiating settlements or issuing orders in North Basin pursuant to CERCLA. The inability of the state agencies to address the regional groundwater plume poses a grave risk to the water supply in Orange County. The best solution we see is for EPA to address the regional groundwater plume with support on continuing site enforcement from DTSC and the Regional Board, and with all the assistance OCWD can provide.

As I said, the South Basin plume is also a grave threat to water supply in the southerly portion of the Orange County aquifer. We see the South Basin situation as significantly different and far more appropriate for a DTSC and/or Regional Board lead or co-lead agency role. Given the facts and parties involved there, we think that there is not a risk involving joint and several enforcement of the type present in North Basin. We would very much like to discuss the role of DTSC and the Regional Board on regional groundwater remediation on South Basin as we move forward on North Basin.

Please contact me with any questions or comments.

Law Office of Scott A. Sommer  
Professional Corporation  
55 Second Street, 21st Floor  
San Francisco, CA 94105-3470  
Direct: 415-805-7943  
Cell: 925-963-1245

-----Original Appointment-----

**From:** Barnett, Lim@DTSC [<mailto:Lim.Barnett@dtsc.ca.gov>]

**Sent:** Thursday, October 16, 2014 7:40 AM

**To:** Black, Stewart@DTSC; Cook, Barbara@DTSC; Scandura, John@DTSC; Keith Takata ([takata.keith@gmail.com](mailto:takata.keith@gmail.com)); [mwehner@ocwd.com](mailto:mwehner@ocwd.com); [dmark@ocwd.com](mailto:dmark@ocwd.com); Scott A.

Sommer; [rherndon@ocwd.com](mailto:rherndon@ocwd.com); [mmarkus@ocwd.com](mailto:mmarkus@ocwd.com); Bolin, David ([DBolin@ocwd.com](mailto:DBolin@ocwd.com))

**Subject:** OCWD

**When:** Tuesday, October 21, 2014 11:30 AM-12:30 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** HQ - Conference Room TBA / Conference Line: 866.507.2042 PC 3861812 (Leader: Stewart)

**UPDATING:** Agenda (below) added – Also, this meeting will be attended in person by some OCWD participants at CalEPA HQ building (room to be announced later)

**Requestor:** Stewart Black

**Participants:** Stewart, Barbara and John (DTSC); Keith Takata (consultant); and Mike Wehner, Roy Herndon, Dave Mark, Scott Sommer and Mark Markus (for OCWD)

**Purpose of Meeting:** This conference call is being set up in lieu of an in-person meeting which needed to be canceled due to illness on October 8

**Date/Time/Location:** Tuesday, October 21, 11:30 a.m. – 12.30 p.m./ HQ Conference Room TBA  
- Conference Line: 866.507.2042 PC 3861812 (Leader: Stewart)

<< File: Agenda OCWD DTSC 10-21-14.docx >>

## Shaffer, Caleb

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**From:** Moutoux, Nicole  
**Sent:** Tuesday, August 12, 2014 4:23 PM  
**To:** Lyons, John;Shaffer, Caleb;Dreyfus, Bethany;thompson, rachel  
**Subject:** FW: Responses to Listing Questions

FYI

Nicole G. Moutoux  
Manager, Site Assessment and Brownfields Section  
Superfund Division  
(415)972-3012  
[moutoux.nicole@epa.gov](mailto:moutoux.nicole@epa.gov)

---

**From:** Keith Takata [<mailto:keith@keithtakata.com>]  
**Sent:** Tuesday, August 12, 2014 3:50 PM  
**To:** Moutoux, Nicole  
**Cc:** Mitguard, Matt  
**Subject:** Re: Responses to Listing Questions

Thanks, Nicole. I really appreciate the assistance that you and Matt are providing. I have a couple of clarifications and questions:

1. DTSC is doing site screens on sites that we don't know much about. OCWD would like EPA to do PA/SI on sites that are good candidates for the NPL—where data already exists to show that the site is a serious problem and contributes to the offsite groundwater contamination (e.g. Northrop). As you note, the problem is that DTSC and/or RWQCB have the lead for many of these sites. I understand from talking to John Lyons that if DTSC and/or RWQCB managers support EPA doing PA/SI at these sites, EPA would consider doing so.
2. On the issue of listing individual sites v. listing a regional groundwater area, OCWD is asking a more a more generic question, not an Orange County specific question. We know how PA/SI is done at individual sites, but how is PA/SI done for a regional groundwater area? I don't remember how EPA went about the PA/SI for San Gabriel and San Fernando. John believes that looking at the Federal Register that proposed those sites will help answer the question.

Look forward to seeing you tomorrow!

Keith

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650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

On Aug 12, 2014, at 3:25 PM, Moutoux, Nicole <[Moutoux.Nicole@epa.gov](mailto:Moutoux.Nicole@epa.gov)> wrote:

<image001.gif>

Hi Keith-

I'm responding on behalf of Matt to the questions you had about the listing process. Looking forward to the meeting tomorrow.

Nicole

1. If EPA were to decide to do PA/SI at North Basin, would EPA do the PA/SI or would DTSC do the PA/SI (or both)?

EPA is responsible for doing PA/SI evaluations.

2. If EPA is looking at individual site listings (like South Gate in LA County), you would do PA/SI at those individual sites. If EPA is looking at regional groundwater listings (like San Gabriel), how would you do the PA/SI? Is it one big PA/SI? Or do you still start with individual site PA/SI? (I forgot what we did at San Gabriel—it has been so long ago.)

In general, EPA does PA/SI work at individual sites. We usually select sites to work on in consultation with DTSC once site screens have been completed. At this point, we are not in a position to comment on how or what type of approach could be appropriate for the orange county plume.

3. What does it take to start doing PA/SI at North Basin? It is too early for a Governor's letter. Do you simply need oral concurrence from a state manager? What do I need to get DTSC do or say for you to start?

A PA/SI can be initiated at any time as a function of a petition or reasonable evidence that there is an "uncontrolled" release to the environment by a given site. In general we would not do a PA or SI at a site that the State is actively working on. The Governor's letter follows the conclusion of both the PA and SI and is generally requested in tandem with EPA producing the HRS Listing Package (which follows the SI). The HRS package utilizes the sampling findings from the SI.

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Manager, Site Assessment and Brownfields Section  
Superfund Division  
(415)972-3012  
[moutoux.nicole@epa.gov](mailto:moutoux.nicole@epa.gov)

## Shaffer, Caleb

---

**From:** Shaffer, Caleb  
**Sent:** Tuesday, July 22, 2014 10:59 AM  
**To:** Keith Takata  
**Subject:** RE: Orange County North Basin Groundwater Contamination

Thank you Keith. I'll have folks registered at the front. Your original e-mail made reference to sending us a briefing package, so if you have something to share in advance that would be helpful.

Here is the current list of attendee's from EPA:

Rachelle Thompson- Remedial Project Manager  
Bethany Dreyfus- Attorney-Advisor (Bethany may have to step out at 3 PM for another meeting if she can't adjust it)  
Nicole Moutoux- Section Chief, Brownfields & Site Assessment Section  
Matt Mitguard- Site Assessor  
Caleb Shaffer- Section Chief, California Site Cleanup Section 7-1

Regards,

Caleb

---

**From:** Keith Takata [mailto:keith@keithtakata.com]  
**Sent:** Monday, July 21, 2014 6:06 PM  
**To:** Shaffer, Caleb  
**Subject:** Re: Orange County North Basin Groundwater Contamination

Here are the attendees for the EPA and OCWD meeting:

Roy Herndon, OCWD  
Dave Mark, OCWD  
Meredith Durant, Kennedy/Jenks  
Scott Sommer, Outside Counsel for OCWD  
Keith Takata, Consultant for OCWD

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OK, I have it held on folks the calendars on July 29th from 1:30-3:30. Bethany would like to join us, so please do invite Mr. Sommer. Let me know if two hours is sufficient.

Caleb

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Keith

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I'll defer to you as to the inclusion of OCWD, either way is fine, as we will likely be in listening mode learning about the site and issues.

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**Sent:** Thursday, July 17, 2014 3:42 PM  
**To:** Shaffer, Caleb  
**Subject:** Re: Orange County North Basin Groundwater Contamination

Caleb, Tuesday, the 29th works the best for me, before Noon if possible. Shall I come alone or do you want OCWD folks on the phone or in person?

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Hi Keith,

I hope you're well. We wanted to take you up on your offer to visit and provide an overview of the Basin. The meeting would include Rachelle Thompson, Bethany Dreyfus, Nicole Moutoux, Matt Mitguard and myself from EPA's side. Checking in on calendars initially, the dates of July 28<sup>th</sup>, 29<sup>th</sup> and 31<sup>st</sup> work best for folks here. Would any of those dates work well for you? Look forward to hearing from you.

Regards,

Caleb

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**From:** Keith Takata [<mailto:keith@keithtakata.com>]  
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**To:** Shaffer, Caleb  
**Subject:** Fwd: Orange County North Basin Groundwater Contamination

Sorry, I spelled your name wrong. Here is your copy.

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**Subject:** Orange County North Basin Groundwater Contamination  
**Date:** July 8, 2014 at 6:23:32 PM PDT  
**To:** Rachelle Thompson <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>, Bethany Dreyfus <[dreyfus.bethany@epa.gov](mailto:dreyfus.bethany@epa.gov)>, Caleb Schaffer <[schaffer.caleb@epa.gov](mailto:schaffer.caleb@epa.gov)>  
**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

Rachelle, Bethany, and Caleb:

Welcome to the great team of people working on the Orange County North Basin!!! I work as an advisor to Orange County Water District (OCWD). Among other tasks, I act as the liaison to the regulatory agencies—RWQCB, DTSC, and EPA. OCWD met with Enrique on February 28, 2014. Attached is OCWD's followup letter. On April 24, 2014, OCWD hosted the first meeting of the Orange County North Basin Task Force. Attached is summary of the meeting—many of the action items have already been addressed. **The next meeting of the Task Force is Wednesday, August 13, 2014, at 1:00 pm, at the offices of the OCWD.** Please hold the date!

This is OCWD's team:

- **Roy Herndon:** (714-328-8060, [RHerndon@ocwd.com](mailto:RHerndon@ocwd.com)) Roy is the Chief Hydrogeologist for OCWD. He is familiar with Superfund because he worked on El Toro Marine Corps Air Station.
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The OCWD team works with Kurt Berchtold and his staff at the Santa Ana RWQCB. We also work with John Scandura and Tom Cota and their staff at DTSC in Cypress. Your colleagues, Matt Mitguard, Leslie Ramirez, and Nicole Moutoux, are working with DTSC and OCWD on Site Screens, PAs, and SIs in the North Basin.

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**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

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**To:** Shaffer, Caleb  
**Subject:** Re: Orange County North Basin Groundwater Contamination

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Thanks, Caleb. 2 hours should be a good start. We'll see you again at the Task Force meeting. I'll get names to you for security.

Keith

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**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

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## Shaffer, Caleb

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**Sent:** Monday, July 21, 2014 7:40 AM  
**To:** Keith Takata  
**Subject:** RE: Orange County North Basin Groundwater Contamination

OK, I have it held on folks the calendars on July 29th from 1:30-3:30. Bethany would like to join us, so please do invite Mr. Sommer. Let me know if two hours is sufficient.

Caleb

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**Sent:** Friday, July 18, 2014 11:55 AM  
**To:** Shaffer, Caleb  
**Subject:** Re: Orange County North Basin Groundwater Contamination

How about 1:30?

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**To:** Shaffer, Caleb  
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## Shaffer, Caleb

---

**From:** Shaffer, Caleb  
**Sent:** Friday, July 18, 2014 9:19 AM  
**To:** Keith Takata  
**Subject:** Re: Orange County North Basin Groundwater Contamination

Sounds good. Schedules are currently open on our side that afternoon. Let me know your time preference and I will get it on schedules here.

Caleb

---

**From:** Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
**Sent:** Thursday, July 17, 2014 5:54:01 PM  
**To:** Shaffer, Caleb  
**Subject:** Re: Orange County North Basin Groundwater Contamination

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**Sent:** Thursday, July 17, 2014 3:42 PM  
**To:** Shaffer, Caleb  
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**To:** Shaffer, Caleb  
**Subject:** Fwd: Orange County North Basin Groundwater Contamination

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**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

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**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

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Please feel free to call or email me at any time for any reason.

Keith

## Shaffer, Caleb

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Thursday, July 10, 2014 12:43 PM  
**To:** Shaffer, Caleb  
**Subject:** Re: Orange County North Basin Groundwater Contamination

You are welcome, Caleb. I look forward to seeing everyone on August 13th. I would be happy to drop by for some informal Q&A any time you or Rachelle want.

Keith

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

On Jul 10, 2014, at 10:20 AM, Shaffer, Caleb <[Shaffer.Caleb@epa.gov](mailto:Shaffer.Caleb@epa.gov)> wrote:

Keith,

Thank you for the note and the background information. I've reserved August 13<sup>th</sup> on my calendar and look forward to the Task Force meeting.

Caleb

---

**From:** Keith Takata [<mailto:keith@keithtakata.com>]  
**Sent:** Tuesday, July 08, 2014 6:27 PM  
**To:** Shaffer, Caleb  
**Subject:** Fwd: Orange County North Basin Groundwater Contamination

Sorry, I spelled your name wrong. Here is your copy.

Keith

Keith Takata  
Takata Environmental LLC  
[keith@keithtakata.com](mailto:keith@keithtakata.com)  
650-862-1162  
[www.keithtakata.com](http://www.keithtakata.com)

Begin forwarded message:

**From:** Keith Takata <[keith@keithtakata.com](mailto:keith@keithtakata.com)>  
**Subject:** Orange County North Basin Groundwater Contamination  
**Date:** July 8, 2014 at 6:23:32 PM PDT  
**To:** Rachelle Thompson <[thompson.rachelle@epa.gov](mailto:thompson.rachelle@epa.gov)>, Bethany Dreyfus <[dreyfus.bethany@epa.gov](mailto:dreyfus.bethany@epa.gov)>, Caleb Schaffer <[schaffer.caleb@epa.gov](mailto:schaffer.caleb@epa.gov)>  
**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

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Keith

## Shaffer, Caleb

---

**From:** Shaffer, Caleb  
**Sent:** Thursday, July 10, 2014 10:21 AM  
**To:** Keith Takata  
**Subject:** RE: Orange County North Basin Groundwater Contamination

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Caleb

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**To:** Shaffer, Caleb  
**Subject:** Fwd: Orange County North Basin Groundwater Contamination

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Keith

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**Cc:** John Lyons <[lyons.john@epa.gov](mailto:lyons.john@epa.gov)>, Dusty Minor <[minor.dustin@epa.gov](mailto:minor.dustin@epa.gov)>

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## Shaffer, Caleb

---

**From:** Manzanilla, Enrique  
**Sent:** Tuesday, January 14, 2014 6:41 PM  
**To:** Keith Takata  
**Cc:** CHENG, CHRISTINA; Lyons, John  
**Subject:** Re: Orange County Water District

Thanks for the note keith. I am aware of orange county's approach and I (and others at dtsc and the board) agree that their approach tracks with the discussions with jane williams and cynthia.

Let's set up something in february once john is on board officially. I think it will be a good discussion and I look forward to it.

See you then.

---

**From:** Keith Takata <keith@keithtakata.com>  
**Sent:** Tuesday, January 14, 2014 5:12:10 PM  
**To:** Manzanilla, Enrique  
**Subject:** Orange County Water District

Enrique:

I hope the New Year is treating you well. I'm sure you will miss Kathleen and Mike, but John and Angeles are great choices.

In December 2013, I talked to Kathleen about the groundwater contamination in Orange County and I think I mentioned it to you too. As a reminder, Orange County has a large area of groundwater contamination in its North Basin that fits the profile of the recent "groundwater paradigm" discussions between Cynthia Babich, Jane Williams, the SWRCB, and DTSC. Namely:

- A large area of groundwater contamination, not well defined.
- Drinking water wells shut down, impacted, or threatened.
- Multiple and unknown PRPs that may be sources of the contamination.
- Some of the sites are Regional Board lead and some DTSC. Some doing voluntary work and some none.
- No one agency is responsible for overseeing the overall groundwater and drinking water solutions in a holistic way.

The Orange County Water District (OCWD) is the state-created local water wholesaler that supplies water to 22 Orange County cities. Instead of simply complaining to the regulatory agencies, OCWD has drilled 70 monitoring wells, conducted a partial investigation, and has developed an overall plan. Much work remains to be done, however, and it doesn't seem fair for taxpayers to pay. OCWD needs the coordinated assistance of state and federal regulatory agencies. In November 2013, OCWD met with Kurt Berchtold and his staff at the RWQCB. In January 2014, OCWD met with John Scandura and Tom Cota and their staff at DTSC. Both state regulatory agencies are doing a lot of work, but they really need EPA's involvement.



I'd like to arrange a meeting with you and Mike Wehner, Roy Herndon, and Dave Mark of the OCWD. Mike is the Assistant General Manager of OCWD. They would like an opportunity to introduce you to the groundwater contamination, explain what we have learned from RWQCB and DTSC, and explore a role for EPA. If you concur, I'll work with Kathi Moore, John Lyons, and Christina Cheng to setup the meeting.

Thank you very much and I look forward to working with you again.

Keith

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